

ANGHI; Csaba, dr.

An attempt for rebreeding the primitive horse in Askania
Nova. Elovilag 9 no.2:9-15 Mr-Ap '64.

NITULESCU, I., ing.; MOCANU, Ana, ing.; FILIPESCU, Livia, ing.; ANGHEL,
Lucia, geolog; SAPORTA, Ecaterina, ing.

Quantitative mineralogical analysis of technological ore
tests. Rev min 15 no.11:595-601 N '64.

ANGHEL, M., instalator

Still everything is not ready. Constr Buc 15 no.722:3 9 N '63.

ANGHEL, Mihai

Speaking with the head of an excellent brigade. Constr
Buc 16 no. 738: 3 29 February 1964.

1. Din subredactia voluntara de la Galati.

ANGHEL, N.

"Autumn sowing."

p. 1 (Drumul Belsugului) No. 9, Sept. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

NECULA, Paul; ARDAC, Mihai; IONESCU, Mircea; ANGHEL, Nicolae; RUSU, Ion;
VAGAUNESCU, C., ing.

News from a construction site. Constr Buc 15 no.722:1 9 N '63.

BARBALATA, St., economist; ANGHEL, Nicolae, corresp.

Exchanges of experience. Constr Buc 17 no.789:420 F'85.

1. No.1 Group of Construction Sites, Regional Trust for Construction,
Galati (for Barbalata).

ANGHEL, O., ing.

"From the first cosmic rocket to the interstellar cosmic airship"
by I.I.Sokolovski. Reviewed by O. Anghel. Rev transport 8
no.7:327 J1 '61.

ANGHEL, Otilia, prof. (Bucuresti); BECIU, Traian, prof. (Bucuresti)

Some problems related to the teaching of agriculture as a study
in the 8-year rural school. Natura Biologie 14 no.5:42-48
S-O '62.

COUNTRY:	: Rumania	H-26
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	19724
AUTHOR	: Craiu, V., Anghel, P., and Burnei, M.	
INST.	: Not given	
TITLE	: The Production of Sorbitol by the Electrolytic Reduction of Glucose	
ORIG. PUB.	: Rev Chim, 9, No 7-8, 447-450 (1958)	
ABSTRACT	The electrolytic process for the production of sorbitol has been investigated. A flow sheet for the process is given and conditions for its operation are described. The effect of the nature of the cathode, temperature, and current density on current efficiency and yield of product has been investigated. Optimum reduction conditions have been determined, assuring 50-60% current efficiencies and 98% product yields. The advantage of the electrolytic process for the production of sorbi-	
CARD:	1/2	

COUNTRY	:	Rumania	H-26
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 5 1960, No.	19724
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	tol (simplicity of operation, elimination of the need for the use of high pressures and of expensive and difficult-to-regenerate catalysts) relative to the chemical process are examined. M. Barkova	
CAPD:	2/2	555	

GRUDER, Galia; ANGHEL, Paula

Method of obtaining electrolytic sulphamic acid for lead refining.
Rev chimie Min petr 14 no.3:156-157 Mr '63.

18.0010 also 1273,1087

85171

R/003/60/011/007/001/003
A125/A026

AUTHORS: Călușaru, A., Engineer; Craiu, Viorica, Engineer; Anghel, Paula, Engineer, Candidate of Technical Sciences

TITLE: On the Electrolytic Production of Metallic Titanium 1

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 7, pp. 384 - 390

TEXT: Subject article deals with the electrolytic production of titanium. First, the authors present a brief historical review on various methods of electrolysis, i.e., the electrolysis of molten oxides, the electrolysis of molten titanium halogenes, and the electrolysis of molten titanates, and list the following scientists, who were engaged in the development of one or the other method: Borchers and Huppertz; Skliarenko and Lipkes (Ref. 3); Sibert, McKenna, Steinberg and Wainer; Hatschek (Ref. 2); Kratky and Bruchner; Fischer and Dorsch; Cordner and Wornier; Okada and Kawana; Topinka and his co-workers; Burgess and Roberts; Brenner and Senderoff; Steinberg, Carlton and Wainer (Ref. 12). The last four scientists conducted a detailed study on the electrolysis of potassium fluotitanate (Ref. 12). Subject experiments refer to the production of metallic titanium by the electrolysis of potassium fluotitanate, dissolved in

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A125/A026

On the Electrolytic Production of Metallic Titanium

sodium chloride molten in a protective atmosphere of argon ($K_2TiF_6 - NaCl$). The laboratory apparatus consists of: a) the argon purifying installation, and b) the electrolysis cell. The argon purifying installation is used for the removal of noxious impurities, i.e., oxygen, nitrogen and water. The electrolysis cell consists of the cell itself and the heating furnace. The operation temperature ranged from 700°C to 820°C , with 760°C as the most efficient temperature. The current intensity varied from 10 to 30 amp, and the current density from 120 to 750 amp/dm^2 . The voltage on the plugs of the cell was 5 - 6 v. Table 1 presents the values of the intensity and voltage in function of the time. The electrolysis procedure lasted 1 - 2 h and the cooling procedure 2 h. The deposited titanium was introduced into distilled water of 60°C maximum, where the salt content of the deposited metal was dissolved. The drying was performed in a vacuum at a temperature lower than 60°C . Coal, oxygen and iron are impurities which are present in larger quantities. Reference is made to the source of these impurities and to some methods of reducing them. The "Debyeogram" (Fig. 8) performed on a laboratory sample shows that this sample has parameters which are very close to the parameters of a product with a purity of 99.9%, indicated in technical literature. Table 3 presents some values computed on the basis of the "Debyeogram" and compared with some values of usual titanium and 99.9% pure titanium.

Card 2/3

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18.0010 at 1273, 1087

7/003/60/011/009/011/000
A125/A026

AUTHORS: Craiu, Viorica; Anghel Paulas; Călușaru, A. - Engineers

TITLE: Electrolytic Production of Zirconium Metal ✓

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 9, pp. 500 - 510

TEXT: Subject article deals with the method of electrolysis for the production of pure zirconium metal. Its production was studied by Irceat, Marden and Rich; Driggs and Lilliendahl; Kroll and assistants; Steinberg and assistants (Ref. 2); Creamer, Chambers and White; Raynes; Thellerman, Steinberg and Wainer (Ref. 3); Anchieux and Dauphin, and Chauvin, Coriou and Huré (Ref. 4). In a previous work (Ref. 5) the authors published some experimental data in the electrolytic deposition of titanium metal. The data presented in subject article were obtained in the same apparatus (Figs. 1 and 2). The experimental procedure is based on the electrolysis of potassium fluozirconate, dissolved in molten sodium chloride. The authors studied the influence of the following parameters on the efficiency of substance and current: a) current density; b) temperature; c) composition of the electrolyte; d) electrolysis time; e) shape of the cathode; and f) nature of the cathode. a) The current density has a complex influence.

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A125/A026

Electrolytic Production of Zirconium Metal

ence depending on the interval of the current density at which the work is performed, on the dimensions and the shape of the cell, and on the dimensions of the cathode. A high current density proved to be advantageous (Table 1). b) Influence of temperature (Table 2): A temperature of 800°C represents a minimum value. By increasing it to 850°C, the deposition procedure is improved. Above this temperature, the variations are smaller. Thus, 850°C are the maximum limits. c) Influence of the composition of the electrolyte (Table 3): Practically, it proved to be advantageous to select a ratio of $K_2ZrF_6/NaCl$ equal to 1/2. d) Influence of the electrolysis time (Table 5): The most advantageous electrolysis time was found to be 2 - 2.5 h. e) Shape of the cathodes (Table 6): Only cylindrical and truncated cone-shaped cathodes were tested, but they proved to be identical in their efficiency. f) Nature of the cathodes: With regard to the current efficiency, the nature of the cathodes has no influence on the procedure but influences the purity of the product. Steel and graphite cathodes have been excluded. Comparing a "V2A" cathode with a nickel cathode, the iron content of the zirconium produced was by 0.5% higher in case of the "V2A" cathode. Molybdenum cathodes are too expensive. The electrolytic zirconium was analysed spectrographically to establish the content of Cr, Cu, Mn, Sn, Al, Si, Fe and Ni. Ni and Ca could not be found. The spectrographical analysis was accomplished.

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R/003/60/011/009/001/002
A125/A026

Electrolytic Production of Zirconium Metal

together with the Physicist M. Sterghiu. The iron content of about 0.1% was accurately determined by chemical analysis. It is possibly due to the steel lining of the electrolytic cell. The content of hafnium, being approximately 0.01% does not modify the properties of zirconium. After an X-ray examination, no gaseous impurities were found. Table 7 presents the Debyeograms performed by the Physicist A. Ciocanel. There are 7 tables, 2 photographs and 9 references: 4 Soviet, 1 Rumanian, 2 English, 1 French and 1 Hungarian.

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Page 3/3

ANGHEL, Valeriu, ing.

Industrial drying of lignite slack designed for briquetting.
Rev min 13 no.9:405-411 S '62.

1. Institutul de cercetari miniere.

ANGHEL, Vasile, ing.

Achievement of the cooperation plans, a main Rumanian task. Munca
sindic 6 no.9:15-18 S '62.

1. Membru al Prezidiului Comitetului central al Uniunii Sindicatelor
din Intreprinderile Metalurgice si Constructii de masini.

ANGHEL, Viorica, dr.; TIEGERMAN, T., dr.; NICOLAU, V. dr.

Considerations on the diagnosis of hypokalemic states. Med.
intern. (Bucur.) 16 no.7:863-869 JL'64

1. Lucrare efectuata in Clinica medicala a Spitalului de adulti
al Raionului 30 Decembrie, Bucuresti (director: prof. C.Gh.
Dimitriu).

ANGHEL, V.

Use of fluidization in assaying coal. p. 242.

REVISTA MINELOR

Vol. 7, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

RUMANIA/Chemical Technology - Chemical Products and Their H.
Application - Treatment of Solid Mineral Fuels.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30105

Author : Ionescu, M. and Anghel, V.

Inst : -

Title : Semicoking With Fluidized Beds.

Orig Pub : Rev Minelor, 8, No 2, 98-104 (1957) (in Rumanian with
summaries in German, French, English, and Russian)

Abstract : A brief survey of the present state of the art of semi-
coking production and a description of investigations
which have shown that important advantages can be deri-
ved by operating with fluidized beds.
The bibliography lists 8 articles.

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COUNTRY	:	Rumania	H-26
CATEGORY	:		
ABS. SOUR.	:	R2Kbbs., No. 22 1959, No.	78943
AUTHOR	:	Angel, V.	
INST.	:	Not given	
TITLE	:	The Distillation of Saw Mill Wastes in Fluidized Beds	
ORIG. PUB.	:	Ind Lenz, 7, No 12, 471-474 (1958); Tehn Noua, 5, No 163, 1, 4 (1958)	
ABSTRACT	:	Tests carried out in a semicommercial carbonization plant are described. The saw mill waste was treated in the installation without preliminary grading or grinding. The gases obtained by the combustion of the gases produced during the semi-coking of the charcoal in Ab-der-Khal'sen [transliterated] ovens serve as the fluidizing medium. The temperature in the fluidized bed during the tests was 450-490°. The products consisted of charcoal of uniform quality and 10-12% of volatile	

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ANGHEL. V.

A suggestion relative to the terminology of the technique of a fluidized bed.
P 225

STANDARDIZAREA. Comisiunea de Standardizare. Bucuresti, Rumania
Vol. II, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

Anghelache, D.

RUMANIA / Atomic and Molecular Physics. Heat.

D-4

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 9029

Author : Cămpăan, T.I., Anghelache, D., Belous, Vitalie

Title : Concerning the ~~Determination~~ of the Heat Conduction of Materials.

Orig Pub : Bul. Inst. politehn. Iasi, 1956, 2, No 1-2, 321-330.

Abstract : In connection with production requirements, measurements were made of the heat conductivity of many commercial materials (raw and half-finished). A method is used, which is a version of the classical method of Greter and Jakob et al. (see Mekheyev, M.A., "Osnovy teploperedachi" (Principles of Heat Transfer) M-L, Energoizdat, 1949, pages 308-313). The determination of the heat conductivity is carried out by measuring the difference of temperatures, due to the flow of heat between plane-parallel surfaces of the investigated specimen in the form of a cylindrical disk or

Card : 1/3

RUMANIA / Atomic and Molecular Physics. Heat.

D-4

Abs Jour : Ref Zhur - Fizika, No 4, 1957, 9029

Abstract : drop in the metallic supports of the thermocouples, with the flow of heat between the source of the heat, the specimen, and the protective ring, when unavoidable temperature differences appear between them, with the losses of heat in the conductors of the sources and of the thermocouples, and finally, with the energy losses in the electric measuring instruments.

Card : 3/3

COUNTRY : ROMANIA
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Instruments and Automation
ABST. JOUR. : REXhim., No. 23 1959, No.82568
AUTHOR : Campan, T.; Anghelache, P.
INST. : -
TITLE : Thermocouples for Measurement of Surface
Temperatures
ORIG. PUB. : Bul. Inst. Politehn. Iasi, 1958, 4, No 12,
365-370
ABSTRACT : The described thermocouple has a silver
plate between the electrodes of a 0.15 mm
thickness, mounted on cork that acts as ther-
mal insulation. The time required to record
a measurement is 20 seconds. -- Z. Khaimskiy
CARD: 1/1

B - 9

ANGHELACHE, T.

Development of the nonferrous and gold-and-silver mines in the period after liberation. p. 298.

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industriei Petrolului si Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 10, no. 8, Aug. 1959

Monthly list of East European Accessions (EEAI) LC Vol. 9, no. 2, Feb. 1960

Uncl.

LATCU, D., prof. (Hunedoara); PETRESCU, N., prof. (Tg. Carlungesti); CERCHEZ, Miha; ZENEMBISI, I., prof. (P. Neamt); TEODORESCU, Voltaire (P. Neamt); IONESCU-TIU, C.; TOMESCU, Ion (Bucaresti); DUMITREASA, Gh. (P. Neamt); MINAILESCU, D., prof. (Pitesti); DUMITRU, Acu (Cluj); LEONTE, Alexandru (Bucaresti); ANGHELACHE, Tudorica (Bucaresti); POPA, Al. (Pucioasa); BRINZANESCU, V. (Bucaresti); LUSTIG, Gh. (Bucaresti); ISAC, E. (Tg. Jiu); LEVIN, Alexandru (Tallin, U.S.S.R.); SIMION, A. (Bacau); AVADANEI, Cornelia (P. Neamt); SIMIONESCU, Gh.D.; FLONDOR, Elena, (Bucuresti)

Proposed problems in mathematics. Gaz. mat B 15 no.4:172-177
Ap '64.

STAMATIN, N.; ANGHELESCO, S.

Activity of certain phages isolated from the soil of from lysogenic strains of *B.cereus* on different strains of sporulated aerobic bacilli, especially on *B. anthracis*, *B.cereus* and *B.mycoides*. Arch. Roum. path. exp. microbiol. 20 no.3:357-364 S '61.

1. Travail du Laboratoire de Microbiologie de la Faculte de Medecine Veterinaire de Bucarest et du Centre National de Phages-References Bucarest.

(BACTERIOPHAGE) (BACILLUS) (SOIL microbiology)

CIUCA, M.; STAMATIN, N.; ZILISTEANU, E.; NAFTA, I.; ANGHELESCO, S.

Research on the "cereus-anthraxis-mycoides" phages. Arch. roum. path. exp. microbiol. 21 no.2:400-405 '62.

1. Travail du Centre National de Bacteriophages -- References et de la Faculte de Medecine Veterinaire -- Bucarest.
(BACILLUS CEREUS) (BACILLUS ANTHRACIS) (BACILLUS)
(BACTERIOPHAGE)

L 41539-65 EWT(m)/EPF(c)/EWP(j)/EWA(c) Pc-4/Pr-4 RPL JW/RM

ACCESSION NR: AP5012412

RU/0003/64/015/009/0565/0566

32
B

AUTHOR: Ionescu, Al. Gh.; Angheliescu, Aurora

TITLE: Analysis of polyethylene polyamines by gas chromatography

SOURCE: Revista de chimie, v. 15, no. 9, 1964, 565-566

TOPIC TAGS: gas chromatography, amine, ethylene

Abstract [Authors' English summary modified]: A report on the gas-chromatographic analysis of mixtures containing diethylene-triamine and triethylene-tetramine as main components in order to determine the condensation reaction with dicyanodiamide. The separation was done on a 2-meter column using hydrogen as the gaseous carrier. The working temperature was 170 degrees centigrade for the complete mixture and 130 degrees centigrade for a fraction containing only ethylene-diamine and diethylenetriamine. Orig. art. has 3 formulas, 2 graphs, and 1 table.

ASSOCIATION: Institutul de cercetari chimice-ICECHIM (Institute of Chemical Research)

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, 00

NO REF SOV: 000

OTHER: 003

JPRS

Card 1/1

BOTEZ, M., Dr., (Ploesti); ANGHELESCU, C., dr., (Ploesti); RADULESCU, Gh.,
dr., (Ploesti); NICOLAU, A., dr., (Ploesti)

Preliminary report of the therapeutic results of blood transfusion
in asthenic neurosis. Med. int., Bucur. 8 no.2:277-283 Apr-May 56.

(NEURASTHENIA, therapy
blood transfusion)

(BLOOD TRANSFUSION, in various diseases
neurasthenia)

ANGHELESCU, D.; VOGEL, A.

On the α traces with an abnormal long run. Studii cerc fiz 14
no.1:31-32 '63.

1. Institutul politehnic Bucuresti.

ANGHELESCU, Dan

Influence of storage of nuclear emulsion in liquids on
 α -tracks and thoron atom diffusion. Bul Inst Politeh 26
no.2:39-42 Mr-Apr '64.

1. Chair of Physics, Polytechnic Institute, Bucharest.

BACANU, Gh., dr.; ANGHELESCU, Lucia, dr.; POPA, Lidia, dr.

Detection of diabetes mellitus in patients with myocardial
infarct. Med. intern. (Bucur.) 17 no.4:413-416 Ap '65.

1. Lucrare efectuata in Sectia de nutritie-diabet a Clinicii
I medicala, I. M. Timisoara (director: conf. St. Gavrilescu).

RUMANIA

PACALU, Gh., MD; GAVRILESCU, S., MD; ANGHELESCU, Lucia, MD.

Dietetic Nutrition Section, Clinical Hospital No 1 for
Adults, Timisoara (Sectia nutritie-dietetica, Spitalul
clinic de adulti nr. 1, Timisoara) - (for all)

Bucharest, Viata Medicala, No 2, 15 Jan 64, pp 107-104

"Recent Contributions to the Therapy of some Nutritional
Diseases."

GAVRILESCU, S., dr.; BACANU, Gh., dr.; CORBANU, Gabriela, dr.; ANGELESCU, Lucia, dr.

Considerations on some bone changes in diabetic gangrene. Med. intern. (Bucur.) 16 no.11:1351-1357 N '64

1. Lucrare efectuata in Clinica I medicala, I.M., Timisoara.

EXCERPTA MEDICA Soc 13 Vol. 11/10 Dermatology Oct 57

ANGHELESCU M.

2285. TIRLEA P., ANGHELESCU M. and BUTEANU N. Clin. Dermato-Venerol. I. M. F., Timisoara. *Xeroderma pigmentosum cu distructii epitelio-matoase, la un adult. Xeroderma pigmentosum with epitheliomatous destructions in an adult DERM.-VENEROL. (Bucuresti) 1957, 2/1 (56-62) Illus. 2

In connection with a rare clinical observation of xeroderma pigmentosum in a 52-year-old adult, the authors discuss the aetio-pathogeny of this disease, emphasizing the part played by the metabolism of proteins, choline, and cholesterol, the chemical structure of which resembles that of cancerogenic substances which cause malignant growths in animals. Besides the metabolic factor, a strong stimulant of the nervous system also intervenes: UV rays, with their elective photo-dynamic effect upon these organisms with morbid predispositions, cause the onset of malignant growths which lead almost inevitably to the patient's death before puberty. The explanation of the survival in the present case might consist in the relatively late onset of the first cutaneous symptoms - at the age of 5 - as well as in the benign character of the whole process and of the malignant growths, which, although subjected to repeated surgical treatment - excision of the right portion of the nasal pyramid, of the left eye-globe, of a portion of the lower lip - failed to result in the invasion of the organism by lymph node, and visceral metastases. The patient's occupation was also a factor which contributed to a more benign course of the disease - as a joiner, he was sheltered from the ill-effects of sun-rays.

(XIII, 5, 16)

ANGHELESCU, M.

We can achieve even more. p. 2.

(CONSTRUCTORUL. Vol. 9, no. 399, Sept. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (SEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

ANGHELESCU, M.
SURNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: *)

Source: Timisoara, Timisoara Medicala, Vol VI, No 1, Jan-Jun 1961, pp 71-77.

Data: "Considerations on the Treatment of Pylomycoses With Griseofulvin^g."

Authors:

ANGHELESCU, M.
FEODOROVIC, St.
RABAGIA, I.

*) Work performed at the Dermato-Venereal Clinic (Clinica Dermato-Venerologica), Timisoara.

070 981443 //o

SURDAN, C.; PETRESCO, A.; ANGHELESCO, N.; DUMITRIU, E.

A histopathological study of the nervous form of Carre's
disease. Rev. sci. med. 5 no.3/4:241-244 '60.
(DISTEMPER pathology) (CENTRAL NERVOUS SYSTEM pathology)
(NEUROLOGIC MANIFESTATIONS)

DRAGANESCU, St.; PETRESCU, Ar.; ANGHELESCU, N.

Histochemical studies of myelin disintegration. Rev. sci. med. 7
no.3/4:143-146 '62.

(CEREBRAL SCLEROSIS, DIFFUSE) (OPTIC NEURITIS)
(ENCEPHALOMYELITIS) (MYELIN SHEATH)

ANGHELESCU, V.; TIRNOVEANU, G.; TRIFAN, G.; CIOBANU, C.; VOICU, A.

Contributions to the study of staphylococcal gastro-enteritis
in children. Romanian M. Rev. 4 no.1:58-60 Ja-Mr '60.

1. Hospital for Children in Galati (Director: Dr. Virgil
Anghelescu).

(GASTROENTERITIS in infancy & childhood)

(STAPHYLOCOCCAL INFECTIONS in infancy & childhood)

ANGHELESCU, V. dr.

Correlations between multiple congenital abnormalities and
cytomegalic inclusion disease. *Pediatrics (Bucur.)* 13 no.6:
515-519 R-D 164

1. Lucrare efectuata in Spitalul de copii, Galati.

NENITSESKU, K.D. [Nenitescu, C.D.] and ANGELIDE, N. [Anghelide, N.];
ANGELIDE, N. [Anghelide, N.]

New synthesis of the ester of 3-indolylpyrrolic acid. Rev
chimie 8 no.1:59-63 '63.

1. TSentr Khimicheskikh i Biologicheskikh Nauchnykh Otdel organicheskoy
khimii, Bukharest.

RACOVNIK, V. ; dr.: LAMNICH, N., dr.: KIL, E., dr.: KIL, E., dr.:
LUTCHIKOV, N., dr.: KILCHIKOV, N., dr.: KILCHIKOV, N., dr.:

consideration of the principal method of prevention of
in children. (Gostinitsynskaya (p. 10) 10.10.10-10
10.10.10-10.

RACOVEANU, V.; NEUMAN, H.; ANGHELIDE, R.; TANASEANU, M.

On the value of neurological signs in the diagnosis of tumours of the middle ear. Rumanian M. Rev. 3 no.1:72-74 Jan-Mar 59.

(EAR, MIDDLE, neoplasms
diag. value of neurol. signs)

(NERVOUS SYSTEM, in various dis.
cancer of middle ear, diag. value of neurol. signs)

EXCERPTA MEDICA Sec 11 Vol 12/11 O. R. L. Nov 59

2005. ADENOTONSILLECTOMY IN CHRONIC INFANTILE PNEUMOPATHIES -
Considerații asupra adeno-amigdalectomiei în pneumopatiile cronice infan-
tile - Anghelide R., Cosma D. and Cosma V. - OTO-RINO-
LARING. (București) 1959, 4/1 (49-54)

The following diseases are included in the sphere of chronic infantile pneumopathies:
primary and secondary tb, chronic interstitial pneumopathies, bronchiectases,
cysts, chronic abscesses, chronic atelectasis, sclerosis, pulmonary or pleuropul-
monary suppurations. Adenotonsillectomy is an adequate and safe operation. Its
indications are comparatively more frequent in infantile pneumology than in normal
children. It is particularly indicated in chronic pulmonary diseases with hardly revers-
ible or even irreversible lesions. Removal of the adenotonsillar focus may inhibit the
sclerosuppurative tendency in certain cases of pulmonary tb and of chronic interstitial
pneumopathies.

(XI, 7, 15)

BULGARIA/Radio Physics - Generation and Conversion of Radio
Frequency Oscillations

I

Als Jour : Ref Zhur Fizika, No 1, 1960, 1966

with a Philips TAM 1.5/50 L magnetron.
Bibliography, 8 titles. -- E.Ya. Pasteur

Card 2/2

- 90 -

L 32214-66 EWP(1) WW/RM

ACC NR: AP6020811

SOURCE CODE: BU/0011/65/018/006/0529/0532

AUTHOR: Ivanov, H.; Anghelova, I.

ORG: Department of Organic Chemistry, Faculty of Chemistry, Sofia University

TITLE: Preparation of Beta, Beta-diphenylglutaric acid and its derivatives

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 6, 1965, 529-532

TOPIC TAGS: ester, stereo chemistry, organic nitrile compound, organic synthetic process

ABSTRACT: In need of dinitrile and certain esters of the

β, β -diphenylglutaric acid for stereochemical investigations, and not possessing the necessary recipe for the production of the acid and its diethyl ester (N. L. Phalnikar, K. S. Nargrund, J. Univ. Bombay, 5, 1956, (pt. 2), 105), the authors tried to synthesize the dinitrile by adding acetonitrile to the nitrile of β -phenylcinnamic acid. The method for synthesizing β, β -diphenylglutaronitrile and, from it, the β, β -diphenylglutaric acid described in the article is very convenient and in contrast with the recently published method of T. C. Bruice and W. G. Bradbury (J. Organ. Chem., 28, 1963, 3403) it offers also the possibility of easy preparation of monoamide and amide of the same acid. This paper was presented by Academician D. Ivanov on 22 January 1965. Orig. art. has: 1 formula. [Orig. art. in Eng.] [JPRS]

SUB CODE: 07/ SUBM DATE: 22Jan65/ OTH REF: 005

Cord 1/1

BULGARIA

VAKLINOVA, S., NIKOLOVA-TSENOVA, E., ANGELOVA, S., Institute of Plant Physiology, Bulgarian Academy of Sciences

"Effect of Ferredoxine on Hydroxylamine Photooxidation in Isolated Chloroplasts

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1966, pp 1191-1194

Abstract: [English article] Earlier investigations indicated (S. Vaklinova, Compt. rend. Acad. bulg. Sci., 17, 1964, No 3, 282) that hydroxylamine (HA) oxidizes to nitrite in a suspension of chloroplasts and their fragments under the influence of light. Recently, the role of protein containing iron in a nonchemical form and with a redox potential ($E_0 = -0.432$ V at pH 7.5) with 100 V more negative than the redox potential of pyridinenucleotide, in primary photosynthetic reactions has become known. L. P. Mortenson et al. (Biochem. Biophys. Res. Commun., 7, 1962, p. 448) gave the name of ferredoxin (Fd) to this protein. Its role in the primary processes of photosynthesis consists in the transfer of electrons released in the primary photochemical act of NADP. Proceeding from these data the authors studied the effect of this enzyme on the intensity of HA photooxidation. For that purpose ferredoxin was isolated from a homogenate of young spinach leaves by means of strongly cooled acetone. The article describes the actual photooxidation and the isolation of chloroplasts. A comprehensive

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RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Food Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37832

Author : Ionescu, M., Anghelovici, M., Diaconescu, C.

Inst : -

Title : Content of Carotenoids and Their Derivatives in Corn
Flour as a Function of Degree of Milling.

Orig Pub : Probl. Agric., 1957, 9, No 6, 36-43

Abstract : Carotenoid (C) content in 3 types of corn flour was investigated, in relation to the nature of milling in different cuts obtained by fractionization of the grist. The content of C and zeaxanthine differs from that of the whole flour. With the decrease of yield %, C and zeaxanthine content in the flour grows. It has been found that in flour samples with yields of: 0-30; 0-45 and 0-70, the content of C and derivatives is always higher than corresponding content in the flour: with

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32

GINGOLD, N.; IONESCU-VOICU, Adelina; VILCU, Al.; ANGHEL-RADUCANU, Stela

Investigations and results with a Thorn test without ACTH. Stud. cercet.
med. intern. 3 no.5:669-674 '62.

(ADRENAL CORTEX FUNCTION TESTS)

COMAN, B., ing.; TEODORESCU, S., ing.; ANGHELUTA, M., ing.

Importance of the technical and economic documentation of
the investment work. Probleme econ 18 no.3:160-162 Mr '65.

1. Director, Planning Institute of the Light Industry, Bucharest
(for Coman). 2. Director, Regional People's Council, Galati,
Directorate of Systematization, Architecture, and Planning
Constructions (for Teodorescu). 3. Head of the P.O.M. Service,
Regional People's Council, Galati, Directorate of Systematization,
Architecture, and Planning Constructions (for Angheluta).

CONSTANTINIU, I.; ANGHELUTA, V.; MEIU, Florica

Pituitary virilism of neuropsychogenic origin (hypothalamic).
Stud. cercet. endocr. 15 no.4:357-359 '64.

CONSTANTINESCU, F.; CALUGAREANU, G. . acad. pro .; GHICA, A., acad. prof.;
ANGHELUTA, TH., prof. dr. CLIMESCU, I., prof. dr.

Contributions to the elementary theory of generalized functions.
Studi Univ B-B S. Math-Phys 9 no.2:142-143 '64.

1. "Babes-Bolyai" University, Cluj (for Calugareanu) 2. University
of Bucharest (for Ghika). 3. Polytechnic Institute, ~~Cluj~~ (for
Angheluta). 4. Polytechnic Institute, Iasi (Climescu).

ANGHEUTZA, TH.

Angheutza, Th. Le développement d'une fonction analytique d'après les fonctions fondamentales d'un noyau. Bull. Sci. Ecole Polytech. Timisoara 12, 14-16 (1945).

Let the rectifiable simple closed curve C (for simplicity surrounding the origin) be interior to a given domain D . Let C_r be the transform of C under a stretch of ratio $1/r$, center the origin, where the constant $r < 1$ is chosen small enough so that C_r also lies interior to D ; so C, C_r have the respective equations $C: \rho = \rho(\theta), C_r: \rho = r\rho(\theta)$. From Cauchy's integral formula one obtains, for x on C and for every function $f(s)$ analytic in D , with $s = \rho(\theta)e^{i\theta}$,

$$f(x) = \int_0^{2\pi} k(\varphi, \theta) f(s) d\theta, \quad k(\varphi, \theta) = \frac{e^{i\varphi}}{2\pi i} \frac{\rho'(\theta) + i\rho(\theta)}{\rho(\theta)e^{i\theta} - r\rho(\varphi)e^{i\varphi}},$$

and from $k(\varphi, \theta)$ a new kernel $N_1(\varphi, \theta) = \int_0^{2\pi} k(\varphi, \omega) \bar{k}(\theta, \omega) d\omega$ is formed ($\bar{k}$ the conjugate imaginary of k). The eigenfunctions for N_1 define a sequence of functions $\{\varphi_n(z)\}$, analytic in and on C , and it is shown that $f(s)$ has the expansion $f(s) = \sum_{n=0}^{\infty} a_n \varphi_n(s)$, uniformly convergent in and on C . The coefficients $\{a_n\}$ are expressed by means of an integral formula. J. M. Sheffer (State College, Pa.).

Source: Mathematical Reviews,

Vol. 8

Nd0

ANGHELESCU, TH.

Anghelescu, Th. Sur la détermination de l'indice d'une
fonction rationnelle. *Mathematica, Timisoara* 22, 41-50

(1966)

Let $U = a_0x^m + a_1x^{m-1} + \dots + a_m$, $V = b_0x^p + b_1x^{p-1} + \dots + b_p$,
be real polynomials with $p \leq m$ and with no zero in common.

In order to determine the Cauchy index I of the rational
function V/U by use of the Sturm sequence $U, V, V_1, \dots, V_p$,
the author shows that the term of highest degree in V_k is
essentially

$C_k(x) =$

$$(-1)^{i+j} \begin{vmatrix} b_0 & b_1 & \dots & b_{m-p+i-1} & b_{m-p+i-1} \\ 0 & b_0 & \dots & b_{m-p+i-1} & b_{m-p+i-1} \\ \vdots & \vdots & \ddots & \vdots & \vdots \\ 0 & 0 & \dots & b_{p-1} & b_p \\ a_0 & a_1 & \dots & a_{m-p+i-1} & a_{m-p+i-1} \\ 0 & a_0 & \dots & a_{m-p+i-1} & a_{m-p+i-1} \\ \vdots & \vdots & \ddots & \vdots & \vdots \\ 0 & 0 & \dots & a_{p-1} & a_p \end{vmatrix}$$

where $b_k = 0$ if $k < 0$ or if $m < k$, and $a_k = 0$ if $k < 0$ or $p < k$.
Thus $I = V_{p+1} - V_{p-1}$, where V_{p+1} and V_{p-1} denote the number
of variations of sign in the sequences $b_0, b_1, \dots, b_p$ and $a_0, a_1, \dots, a_p$
for $x = +\infty$ and $x = -\infty$, respectively. Finally, this result
is applied to a derivation of (1) Hurwitz's theorem that I
is the difference between the number of zeros of $U+1$
having negative imaginary parts and those having positive
imaginary parts, (2) Hurwitz's criterion that all the zeros
of a polynomial have negative real parts. *M. Alston.*

Angheluta, Th.

Angheluta, Th. On an upper limit for the moduli of the roots of an algebraic equation. Gaz. Mat. Bucuresti 54, 309-311 (1949). (Romanian)

The author gives an elementary proof of Walsh's theorem that all the zeros of the polynomial $f(z) = a_n z^n + a_{n-1} z^{n-1} + \dots + a_0$ lie in the circle $|z| \leq R$, $R = 2 \max_{1 \leq k \leq n} |a_k|/|a_n|$. Let a sequence $T_k(z)$ of polynomials be defined by the recursion formula $T_k(z) = z T_{k-1}(z) + |a_k|$ for $k = 1, 2, \dots, n$, with $T_0(z) = 1$ and let $Q_k(z) = T_k(z)/R^k$. The author proves by induction on k that all the coefficients in each $Q_k(z)$ are positive. Hence, $|f(z)| \leq P_k(|z|) > 0$ for $|z| > R$. [Walsh's original proof was also elementary. Cf. ex. 9, p. 98, of the reviewer's book (fourth preceding review).] M. Marden.

Small

Source: Mathematical Reviews, 1950, Vol. 11, No. 2

ANGHELUTA, Th.

On a functional equation. Bul stînt polit Cluj no.5:
9-26 '62.

ANGHELUTA, Theodor

Anghelescu, Theodor. The number of roots with positive imaginary parts of an algebraic equation. Acad. Repub. Pop. Romane. Bul. Sti. Ser. Mat. Fiz. Chim. 2, 129-136 (1950). (Romanian. Russian and French summaries)
Let α_i ($0 \leq i \leq n$) be $n+1$ complex numbers, set

$$F(x) = \sum_{i=0}^n \alpha_i x^{n-i}, \quad F_1(x) = \sum_{i=0}^{n-1} \alpha_i x^{n-i-1}$$

let (*) $F(x) = 0$ have the roots α_i ($1 \leq i \leq n$), all distinct, and assume that $F(x)$ is not divisible by any polynomial with real coefficients. The author establishes a sequence whose permanences of sign are equal to the number of roots of (*) with positive imaginary parts. Use is made of the following theorem of Hermite [Oeuvres, tome I, Gauthier-Villars, Paris, 1905, pp. 497-414; J. Reine Angew. Math. 52, 39-51 (1856)]. Let

$$Q = \sum_{i=1}^n \frac{1}{F'_i(\alpha_i) F''(\alpha_i)} (x + \alpha_1 y + \dots + \alpha_n y^{n-1})^2$$

Then Q has real coefficients and if we reduce it by a real linear transformation to a sum of squares, the number of positive squares is equal to the number of roots of (*) with positive imaginary parts. Taking the new variables z ,

Source: Mathematical reviews;

Vol 13 No. 6

CA 110/2

$(0 \leq k \leq n-1)$, defined by $\partial \phi / \partial x = a_0, \dots, \partial \phi / \partial x_{n-1} = a_{n-1}$, becomes

$$\psi = \sum_{k=1}^n \frac{-i P_k(\alpha)}{F'(\alpha)} \phi(\alpha)$$

where $\phi(\alpha)$ are linear polynomials in the variables x . Using the expansion $-i(\sum_{k=1}^n a_k \phi_k) / (\sum_{k=1}^n a_k \phi_k) = \sum_{k=1}^n c_k \phi_k$, the author shows that $\psi = \sum_{k=1}^n c_k \phi_k$, $k=0, 1, \dots, n-1$, where $c_k = \sum_{j=0}^{n-1} a_j \phi_j$. In order to find the number of positive squares of ψ , we use an identity involving determinants, formed with the coefficients a_k , δ_k , and ϵ_k , obtaining finally the following result: Define the real determinants

$$D_n = \begin{vmatrix} a_0 & a_1 & \dots & a_{n-1} \\ \delta_0 & \delta_1 & \dots & \delta_{n-1} \\ \epsilon_0 & \epsilon_1 & \dots & \epsilon_{n-1} \\ 0 & 0 & \dots & 0 \end{vmatrix}$$

and consider the sequence $1, D_1, \dots, D_n$. The number of its permanences equals the number of roots of (*) with positive imaginary parts. Starting from the equation $(-1)^n P(i) = 0$, we obtain correspondingly a sequence of determinants $1, D_1, \dots, D_n$, such that the number of permanences of this sequence equals the number of roots of (*) with negative imaginary parts. A necessary and sufficient condition that all roots of (*) have negative imaginary parts is, therefore, $D_n > 0$ ($1 \leq n \leq n$). This contains as a particular case a classical theorem of Hurwitz [Math. Ann. 46, 273-284 (1895) = Mathematische Werke, Bd. 2, Birkhäuser, Basel, 1933, pp. 533-545].

Card 27/2
S. M. T.
Ref.

Source: Mathematical Reviews.

Vol. 13, No. 6

PHASE I BOOK EXPLOITATION

RUM/3783

Cluj, Transylvania. Institutul Politehnic

Lucrări științifice (Scientific Works) Cluj, Intreprinderea Poligrafica, 1959.
637 p. Errata slip inserted. No. of copies printed not given. No contributors mentioned.

PURPOSE: This book is intended for mathematicians, physicists, chemists, and civil and mechanical engineers.

COVERAGE: The book consists of 59 papers by Rumanian specialists on problems in science and technology, particularly mathematics, physics, chemistry, metallurgy, civil and mechanical engineering. Summaries in Russian and French or German are given at the end of each article. Some of the articles are accompanied by references. No personalities are mentioned. At the back of the book there are 23 references, all Rumanian.

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Scientific Works

- Helgiu, I., C. Balint, A. Tertan, G. Pavel, S. Gocan, and C. Codreanu.
Experimental Tests on Drying With Infrared Radiation in the Process
of Painting the Housing of the Sewing Machine Made by the Cugir Metal-
lurgical Plant 119
- Tintea, H., I. Helgiu, and N. Martalogu. On the Absorption Spectrum
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- Tintea, H., and A. Tertan. Study of Some Binders Made of Synthetic
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Angheluta, Th.

Angheluta, Th. Sur le développement d'une fonction
automorphe dans une série de polynomes. Bull. Sci.
Ecole Polytech. Timisoara 11, 179-180 (1944).

Source: Mathematical Reviews;

Vol.

No.

RUHANIA

RANEV, D., Docent; ANGHELOV, N.; IVANOV, V., and BOLADJIEV, Hr., [Affiliations not given], Peoples Republic of Bulgaria.

"Basic Principles of Operative Treatment of Thermal Burns by the Method of the Free Skin Graft"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 174-175

Abstract: Concise review of optimal conditions for free auto- or (temporary) homo-transplantation of skin; extent of burn surface; as to time, 15 to 30 days after burns seem to be the limit (freedom from infection); hemoglobin, blood proteins and electrolytes status. Brief summary of procedure and results in 1000 patients, generally with successful outcome.

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received, 1 Apr 66.)

ANGHI, CS.

Recent results of research in selection of karskul sheep for breeding;
excerpts from a candidate's thesis, p. 298, Magyar Tudományos Akademia,
Agrartudományok Osztálya, KOZMÉRTISÉGI, Budapest, Vol. 2, No. 1/3, 1956

SOURCE: East European Accessions List (EAL) Library of Congress,
Vol. 5, No. 11, November 1956

ANGHI, Csaba, dr., egyetemi tanár

Constitution of mammals. Term tud kozl 6 no.5:204-207 My '62.

1. Fovaros Allat- es Novenykert igazgatoja, Budapest.

ANGHI, Csaba, a biological taxonomist candidate

Research achievements in the Zoological Garden up to now.
Magy tud 69 no.3:161-166 Mr '62.

1. Igazgató, Budapesti Allat- és Novénykert.

ANGHI, Csaba

Feeding animals in the Zoological Garden. Elet tud 15
no.23:728-730 5 Je '60.

1. Fovarosi Allat- es Novenykert igazgatoja, Budapest.

AKCHI, Csaba, dr.

The Hungarian shepherd dog. Elet tud 16 no.48:1525-1527 26 N '61.

1. Budapesti Allatkert igazgatoja.

ANGHI, Csaba

Ecologic investigations into the effect of visitors on monkeys.
Allattani kozl 48 no. 1/4:33-36 '61.

1. Budapest Fovaros Allat- es Novenykertje.

ANGHI, Csaba, dr.

How do the birds of the Zoological Garden winter? Elet
tud 18 no.9:288 3 Mr '63.

ANGHI, Csaba

Investigations in the constitutional types of white mice.
Allattani kozl 50 no.1/4:17-18 '63.

1. Budapest Fovaros Allat- es Novenykertje.

ANGHI, Csaba

Selections from the animal kingdom of Mongolia. Allattani kozl
50 no.1/4:19-22 '63.

1. Beszart Povaros Allat- os Novenykertje.

ANGHI, Csaba, egyetemi tanár

European bison during the past half century. Elovilag 3
no.1:8-13 Ja-Mr '58.

1. Allatkert igazgatója, Budapest.

ANGHI, Csaba, dr.

Relationship between the biological needs of animals and economy.
Elovilag 4 no.2:53-55 Ap-Je '59.

Paintings of swine at the Keszathely Helikon Library. 58-59

ANGHI, Csaba

Plan of a game preserve-zoological garden in Huvosvolgy.
Elovilag 4 no.3:57-60 JI-S '59.

ANGHI, Csaba

Useful modernization in the Budapest Zoological Garden.
Elovilag 5 no.1:51-53 Ja-Mar '60.

ANGHI, Csaba

The chimpanzee. Elovilag 5 no. 4:26-27 O-D '60.

1. Allatkert igazgatója, Budapest.

ANGHI, Csaba, dr., egyetemi tanár

In commemoration of Otto Herman. Elovilág 5 no.2:10-14
Ap-Je '60.

ANGHI, Csaba, dr., egyetemi tanár

Typical evolution of Equidae. Elovilág 6 no.1:20-26
Ja-F '61.

ANGHI, Csaba, dr.

Role of the Budapest Zoological Garden in the polytechnical instruction. Elovilag 6 no.1:52-56 Ja-F '61.

1. Budapesti Allatkert igazgatója.

ANGHI, Csaba

Positive physiological effect of applying glass separation
walls in the monkey house. Elovilag 6 no.3 57-58 Ny-Je 1961.

ANGHI, Csaba, dr.

Was Jonas I, the first hippopotamus living in Hungary? Elovilag
6 no.5:58-59 S-0 '61.

ANGHI, Csaba, dr., egyetemi tanár (Budapest)

The African reservations as new centers of domestication.
Elovilag 8 no.2:9-15 Mr-Ap'63.

ANGHI, Csaba, dr.

Peccaries and their usefulness. Elvilag 8 no. 6:57 N-D'63.

ANGHI, Csaba, dr.

Zoological values in the Budapest Zoological Garden. Elovilag
9 no.3:59-60 My-Je '64.

ANGH1, Csaba, dr. (Budapest)

European and American bison in Hungary. Elet tud 19 no.17:788
24 Ap '64.

1. Director, Capital Zoological and Botanical Garden, Budapest.

ANGHI, Csaba

In commemoration of Adolf Lendl. Allattani kozl 51 no.1/4:3-5 '64.

Some data on the semidomesticated mammals of Mongolia. Ibid.:23-29

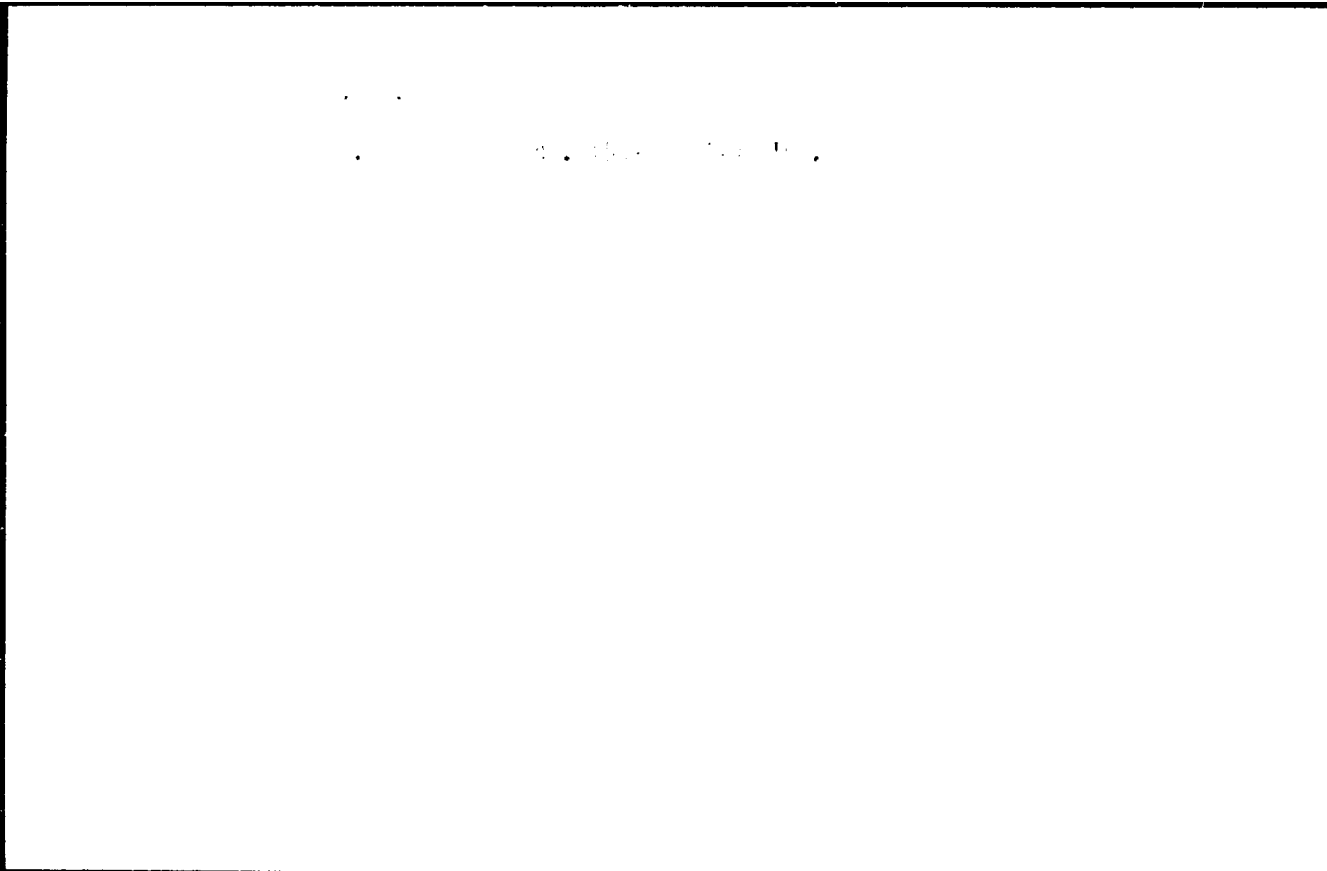
1. Capital Zoological and Botanical Garden, Budapest.

ANGHI, Gabel, Jr. (D. Inquest)

Zoological values in the old Zoological Garden. Pt. 2. Elovilag 9 no.
4:58-59 JI/Aq '64.

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ANGHI, Caba, dr.

Elaphures can be seen in zoological gardens only. Elovilag 9
no.6:52-53 N-D '64.

ANGHI, Csaba, Jr. (Budapest); VEGER, Zdenek (Prague)

A visit to Askaniya-Nova. Elet tud 19 no.46;2171-2175
13 N '64.

AMH, Cuba, dr.

North American beaver, a well protected rodent in the Zoological
Garden. Elevating to no. 1:54-55 1965.

COUNTRY : Hungary
 CATEGORY :
 ASS. TOUR. : REBiol., No. 1, 1957, no. 349
 AUTHOR : Angi, C.
 INST. :
 TITLE : Data on Inheritance of Pattern Components of
 the Wavy Coat of Karakul Lambs
 ORIG. PUB. : Allattenyasztes, 1957, 4, No 1, 65-70

ABSTRACT : As a result of studies of the quality of
 skins of 589 Karakul lambs, it was ascertained that the
 more valuable types of curls are inherited by the lambs,
 in a majority of the instances, from the sires rather than
 from the dams. The less valuable types of curls are more
 often inherited from the dams. This is due to the fact
 that for centuries much attention has been given to the
 selection of rams. The valuable types of curls are in-
 herited, in a larger per cent of cases than the poorer
 ones, from both sires and dams. Variability of the
 curl pattern over the skin is transmitted more strongly
 from the paternal side. The pattern of the skin does not
 CARD: 1/2

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